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PTO/SB/01 (11, 00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

15659ROUS01U

First Inventor

Marthinus W. da Silveira

Title

DIGITAL CONVERTIBLE RADIO SNR OPTIMIZATION

Express Mail Label No.

EU836023711US

2154 U.S. PTO  
10/670426  
09/24/03

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages (preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross Reference to Related Applications  
-Statement Regarding Fed sponsored R&D  
-Reference to sequence listing, a table,  
or a computer program listing appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages

5. Oath or Declaration [Total Pages

a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
b. ☐ (for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))

10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☒ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent

17. ☒ Other: ☒ Auth. for Prosecution of Patent...; ☒ USPTO Credit Card Pymt Form

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No: 10/307,624

Prior application information:

Examiner, Unknown

Group Art Unit: 2681

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

insert customer no. or attach bar code label here

or ☒ Correspondence address below

Name James A. Harrison

Address P.O. Box 670007

City Dallas

State

TX

Zip Code

75367

Country USA

Telephone

(214) 902-8100

FAX

(214) 902-8101

Name (Print/Type)

James A. Harrison

Registration No. (Atty/Agent)

40,401

Signature

Date

9/24/2003

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

09/24/03  
1736 U.S. PTO

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) \$928.00

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Marthinus W. da Silveira
Examiner Name	
Group Art Unit	
Atty Docket No.	15659ROUS01U

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 502126

Deposit Account Name: Garlick Harrison & Markison

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☒ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE

Fee Description	Fee Paid
Utility filing fee	750.00
Design filing fee	
Plant filing fee	
Reissue filing fee	
Provisional filing fee	
<b>SUBTOTAL(1)</b>	<b>(\$)</b> 750.00

2. EXTRA CLAIM FEES

Fee From Below		Fee Paid	
Total Claims	Extra Claims		
Independent	23 -20** 3 X 18	=	54.00
Claims	4 -3** 1 X 84	=	84.00
Multiple Dependent		=	

**Fee Description**

Claims in excess of 20

Independent claims in excess of 3

\*\*Reissue independent claims over original patent

\*\*Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) 138.00

\*\*or number previously paid, if greater; For Reissues, see above

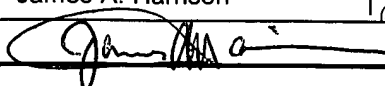
## FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description	
Surcharge-late filing fee or oath	
Surcharge- late provisional filing fee or or cover sheet	
Non-english specifications	
For filing a request for ex parte reexamination	
Requesting publication of SIR prior to Examiner action	
Requesting publication of SIR after Examiner action	
Extension for reply within first month	
Extension for reply within second month	
Extension for reply within third month	
Extension for reply within fourth month	
Extension for reply within fifth month	
Notice of Appeal	
Filing a brief in support of appeal	
Request for oral hearing	
Petition to institute a public use proceeding	
Petition to revive - unavoidable	
Petition to revive unintentional	
Utility Issue Fee (or reissue)	
Design Issue Fee	
Plant Issue Fee	
Petitions to the Commissioner	
Processing fee under 37 CFR 1.17(q)	
Submissions of Information Disclosure Stmt	
Recording each patent assignment per property (times number of properties)	\$40.00
Filing a submission after final rejection (37 CFR 1.129(a))	
For each additional invention to be examined (37 CFR 1.129(b))	
Request for Continued Examination (RCE)	
Request for expedited Examination of design application	
Other fee (specify)	
Reduced by Basic Filing Fee Paid	
<b>SUBTOTAL (3)</b>	\$40.00

## SUBMITTED BY

## Complete (if applicable)

Name (Print Type)	James A. Harrison	Registration No.	40,401	Telephone	(214) 902-8100
Signature		(Attorney Agent)		Date	9/24/2003

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Marthinus W. da Silveira

Title

DIGITAL CONVERTIBLE RADIO SNR OPTIMIZATION

Atty Docket Number

15659ROUS01U

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

09/24/2003

Date



Signature

James A. Harrison

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**